

Patrick Corbett

Head of Institute of Petroleum Engineering at Heriot Watt University & Total Professor in Petroleum Geoengineering, Edinburgh.

Patrick Corbett graduated in 1977 with a Ba in Geology (Exeter University) followed by a MSc in Micropalaeontology in 1978 (University College London), a postgraduate Diploma in Geological Statistics in 1982 (Kingston University), a PhD in Petroleum Engineering (Geopseudo Upscaling, 1993, Heriot-Watt University) and a DSc "Petroleum Geoengineering" (Heriot-Watt University - July 2006). He then worked from 1978 to 1989 in the international exploration and geoscientific development field for Unocal in the UK, Netherlands and Indonesia.

At Heriot-Watt University in 1989, his research focused on the integration of geoscience and engineering through geological analysis, petrophysical measurement and flow modelling. Current research areas include permeability anisotropy modelling, well test interpretation, dynamic upscaling, and genetic petrophysics. He has been closely involved with the Master's course in Reservoir Evaluation and Management since its inception, a unique course designed to teach the integrated nature of reservoir description and modelling to geologists, petrophysicists, geophysicists, computer scientists and petroleum engineers. He has recently become involved in research initiatives in the broader Energy field and Sustainability - particularly with respect to the Petroleum Industry. As Head of Petroleum Engineering in Heriot-Watt, he is also responsible for the group in Orkney (ICIT) working on Marine Renewables under Prof Jon Side.

He has been chairman of the Student Affairs Committee of EAGE from 1995-2001 and continues to support EAGE as a member of the Continuing Professional Development Committee and the Executive Council. He is a member of AAPG, EAGE, SEG, Geol. Soc., IAS, PESGB, SCA, SEPM, SPE, SPWLA, a Chartered Geologist and a Chartered Scientist. He is a co-author of two books: "Statistics for Petroleum Engineers and Geoscientists" and "Cores from the Northwest European Hydrocarbon Province". He was a 1998 EAGE Distinguished Lecturer (Petroleum Geoengineering) and an SPE Distinguished Lecturer (Integration of Geology and Well Testing) for 1998-99. He was SCA VP Arrangements for 2001. He is Associate Editor of First Break. His Chair in Petroleum Geoengineering is the first such position in support of the Petroleum Industry and is financed by Total (continuous support from Elf/Total for 15 years).

In September 2003 he was appointed Head of the Institute of Petroleum Engineering. He was Sub-Dean of Heriot-Watt University from 2002 to 2005. In 2005, he was awarded the EAGE Wegener Medal for the integration of geoscience

and geoengineering. He is on the Advisory Panel of the Alberta Ingenuity Centre for Heavy Oil Recovery. He was SPE EUROPEC Chairman for Madrid 2005 and is convening a Special Session of "Petroleum plus Renewables" at the EAGE/SPE Forum in Vienna.

Prof. Corbett was awarded the 2006 Europe and Russia SPE Regional Technical Award for Distinguished Contribution to Petroleum Engineering in the Area of *Reservoir Description and Dynamics*. This award comes as a reward for – quote -
".. his long years of dedicated service to the industry, singular devotion of time and effort to the programme and development of your section and region, and our Society". In addition to his professional interests, he is actively involved in path projects in the local community and promoting access to the countryside.